

**IN THE CLAIMS**

Please amend claims 1, 2, 3-8, 9 and 10-17. A listing of the pending claims follows:

**PENDING CLAIMS**

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1. (Currently Amended): A polymeric balloon having a wall with an interior surface defining at least in part an internal chamber and a plurality of longitudinally oriented, coextensive and spaced apart layers of remotely imageable materials on the interior balloon surface or within a portion of the balloon wall.
  2. (Original): The polymeric balloon of claim 1 wherein the spaced apart layers facilitate articulation between adjacent spaced apart layers.
  3. (Original): The polymeric balloon of claim 1 wherein the spaced apart layers have a thickness of about 0.0005 inch to about 0.01 inch.
  4. (Original): The polymeric balloon of claim 1 wherein the spaced apart layers have a thickness of about 0.001 inch to about 0.003 inch.
  5. (Original): The polymeric balloon of claim 1 wherein the wall of the balloon forms a working section of cylindrical shape.
  6. (Original): The polymeric balloon of claim 4 wherein a proximally tapered section extends from the proximal end of the working section.
  7. (Original): The polymeric balloon of claim 4 wherein a distally tapered section extends from the distal end of the working section.

8. (Original): The balloon of claim 1 wherein at least one of the remotely imageable layers extend along the working length of the balloon.

9. (Original): The balloon of claim 1 wherein the wall is formed of at least two layers of polymeric material with the remotely imageable layers disposed between the two layers.

Q1 10. (Original): The balloon of claim 1 wherein the remotely imageable layers include radiopaque material.

11. (Original): The balloon of claim 1 wherein the remotely imageable layers include material imageable by magnetic resonance.

12. (Original): The balloon of claim 1 wherein at least one imageable layer has both radiopaque agents and MRI imageable agents.

13. (Original): The balloon of claim 1 wherein the spacing between imageable layers is at least 0.0001 inch.

14. (Original): The balloon of claim 1 wherein the spacing between imageable layers is at least 0.005 inch.

15. (Currently Amended): A balloon catheter assembly for stent delivery comprising

- a) a catheter shaft having at least one lumen;
- b) a polymeric balloon which is disposed about and secured to a distal portion of the catheter shaft, which has a wall with an interior surface defining at least in

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part an internal chamber and which has a plurality of longitudinally oriented, coextensive and spaced apart layers of remotely imageable materials on the interior balloon surface or within a portion of the balloon wall; and

c) a stent having a proximal end and a distal end disposed about the balloon.

16. (Original): A balloon catheter comprising

a) a catheter shaft having at least one lumen; and

b) a polymeric balloon which is disposed about and secured to a distal portion of the catheter shaft and which includes a working section having at least two adjacent wall segments with each segment having longitudinally oriented, coextensive and spaced apart remotely imageable layers.

17. (Original): The balloon catheter of claim 16 wherein the working section of the balloon has a deflated single wall thickness of about 0.001 inches to about .0125 inches.